

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

UTILITY PATENT

Applicant(s): Benjamin Tang  
Serial No.: TBD  
Filed: November 13, 2001  
TITLE: **APPARATUS AND METHOD FOR COUNTING HIGH-SPEED  
EARLY/LATE PULSES FROM A HIGH SPEED PHASE DETECTOR  
USING A PULSE ACCUMULATOR**

Any Docket No.: 35706.4500  
Examiner: TBD  
Group Art Unit: TBD

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled APPARATUS AND METHOD FOR COUNTING HIGH-SPEED EARLY/LATE PULSES FROM A HIGH SPEED PHASE DETECTOR USING A PULSE ACCUMULATOR, the specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

None			Priority Not Claimed
Number	Country	Filing Date	<input type="checkbox"/>
Number	Country	Filing Date	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>60/248,043</u>	<u>11/13/2000</u>
Application Number	Filing Date
<u>                    </u>	<u>                    </u>
Application Number	Filing Date
<u>                    </u>	<u>                    </u>
Application Number	Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or §365© of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>None</u>	<u>                    </u>	<u>                    </u>
Application Serial No.	Filing Date	Status — Patent, Pending, Abandoned
<u>                    </u>	<u>                    </u>	<u>                    </u>
Application Serial No.	Filing date	Status — Patent, Pending, Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

First Named Inventor: Benjamin Tang

Signature: *Ben Tang* Date: 11/13/01

Residence address: 13516 Isis Avenue, Hawthorne, CA 90250

Citizenship: United States

Applicant(s): Benjamin Tang Atty Docket No.: 35706.4500  
Serial No.: TBD Examiner: TBD  
Filed: November 13, 2001 Group Art Unit: TBD  
TITLE: APPARATUS AND METHOD FOR COUNTING HIGH-SPEED  
EARLY/LATE PULSES FROM A HIGH SPEED PHASE DETECTOR  
USING A PULSE ACCUMULATOR

**POWER OF ATTORNEY BY ASSIGNEE AND  
CERTIFICATE UNDER 37 CFR 3.73(b)**

William B. Pohlman, of PRIMARION, INC., of Tempe, Arizona, hereby certifies that, to the best of his or her knowledge and belief, the entire right, title, and interest in the above-captioned United States patent application is in Assignee, PRIMARION, INC..

Ownership of the above-identified patent application is established by virtue of the following documentary evidence that has been reviewed by the undersigned:

An assignment from the inventor(s) of the patent application identified above. A copy of the executed assignment is attached.

PRIMARION, INC., the Assignee of the entire right, title, and interest in and to the above-captioned United States patent application and all inventions disclosed and claimed therein, hereby appoints as its attorneys to prosecute the above-captioned United States patent application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

**SNELL & WILMER L.L.P.**  
One Arizona Center  
400 East Van Buren  
Phoenix, Arizona 85004-2202  
Tel. (602) 382-6000  
Fax (602) 382-6070;

and the registered attorneys associated with Snell & Wilmer's Customer Number 20322.

Please send all further correspondence to Snell & Wilmer L.L.P. at the above address.

By: William B. Pohlman  
Title: Chief Technology Officer  
Date: 13, November, 2001